

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application Of: Shim, et al.

Group No.: TBD

Serial No.: 10/550,525

International Application No.: PCT/US04/09570

Docket No. 050508-1370

International Filing Date: March 26, 2004

For: **CXCR4 Antagonists and Methods of Their Use**

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.**  
**371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Mail Stop PCT (DO/EO/US)  
Commissioner for Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In Response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office, dated May 11, 2006, please find enclosed:


1. Executed Declaration;
2. Sequence Listing w/diskette;
3. Statement Regarding Sequence Listing;
4. Petition for Extension of Time; and
5. a copy of the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office; and
6. Credit Card Payment form in the amount of \$60.00.

The Notification of Missing Requirements also requests that an additional \$25 be submitted for additional claims. All fees were submitted at the time of filing this application (21 claims with 4 independent claims); therefore, we do not believe that additional fees are necessary. However, the Commissioner is authorized to charge Deposit Account 20-0778 for any deficiencies or credit any over payments.

Respectfully Submitted,

**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**

By: \_\_\_\_\_

  
**Christopher B. Linder, Reg. No. 47,751**

Suite 1750, 100 Galleria Parkway  
Atlanta, Georgia 30339-5948  
(770) 933-9500

PATENTS  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application Of: Shim, et al.

Group No.: TBD

Serial No.: 10/550,525

International Application No.: PCT/US04/09570

Docket No. 050508-1370

International Filing Date: March 26, 2004

For: **CXCR4 Antagonists and Methods of Their Use**

**CERTIFICATE OF EXPRESS MAIL**

Mail Stop PCT (EO/DO/US)  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Enclosed for filing in the above case are the following documents:

Return Postcard  
Response to Notification of Missing Requirements  
Declaration and Power of Attorney  
Sequence Listing w/diskette  
Statement Regarding Sequence Listing;  
Petition for Extension of Time;  
Credit Card Payment Form in the amount of \$60.00

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,



Christopher B. Linder, Reg. No. 47,751

THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.  
100 Galleria Parkway, N.W.  
Suite 1750  
Atlanta, Georgia 30339-5948  
Our Docket No: 050508-1370

---

I hereby certify that all correspondences listed above are being deposited for delivery to the above addressee, with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # EV749201497US.

Date: 8/11/06

  
Sara Rogers



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/550,525	Hyunsuk Shim	050508-1370

INTERNATIONAL APPLICATION NO.

PCT/US04/09570

I.A. FILING DATE

03/26/2004

PRIORITY DATE

03/27/2003

Linder, Christopher B  
 Thomas Kayden Horstemeyer & Risley  
 100 Galleria Parkway, N.W., Suite 1750  
 Atlanta, GA 30339-5948

CONFIRMATION NO. 8344

371 FORMALITIES LETTER



\*OC000000018753207\*

Date Mailed: 05/11/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 09/22/2005
- Copy of the International Search Report filed on 09/22/2005
- Preliminary Amendments filed on 09/22/2005
- Information Disclosure Statements filed on 09/22/2005
- Biochemical Sequence Diskette filed on 09/22/2005
- Biochemical Sequence Listing filed on 09/22/2005
- U.S. Basic National Fees filed on 09/22/2005
- Priority Documents filed on 09/22/2005
- Specification filed on 09/22/2005
- Claims filed on 09/22/2005
- Abstracts filed on 09/22/2005
- Drawings filed on 09/22/2005

DOCKETED

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$25 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

to missing requirement

7/11/06

THOMAS KAYDEN  
 HORSTEMEYER & RISLEY, LLP

MAY 15 2006

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$25 for a Small Entity:

- The paper or compact disc copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e). Applicant must provide a substitute paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application** OR a substitute computer readable form (CRF) copy of the "Sequence Listing". These two items must be the same. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- Total additional claim fee(s) for this application is \$ 25
  - \$25 for 4 total claims over 20.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/550,525	PCT/US04/09570	050508-1370